

**Base Year Modification Request Certification****Part 1: Generation Study - No Extrapolation Diversion Data**

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

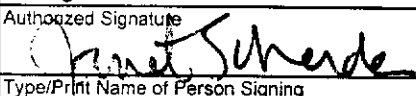
**California Integrated Waste Management Board  
Office of Local Assistance  
1001 I Street, (MS-25)  
PO Box 4025  
Sacramento, CA 95812-4025**

**General Instructions:**

Please select the **ONE** choice below that best explains your request to the Board.

- ☐ 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- ☒ 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

<b>Section I: Jurisdiction Information and Certification</b>			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name <b>Moraga</b>		County <b>Contra Costa</b>	
Authorized Signature 		Title <b>Executive Director</b>	
Type/Print Name of Person Signing <b>Janet Schneider</b>	Date <b>7/30/02</b>	Phone ( ) Include Area Code <b>(925) 906-1801</b>	
Person Completing This Form (please print or type) <b>John Hanscom</b>		Title <b>Waste Reduction &amp; Recycling Specialist</b>	
Affiliation:	<b>Central Contra Costa Solid Waste Authority</b>		
Mailing Address	City	State	ZIP Code
<b>1280 Civic Drive Suite 210</b>	<b>Walnut Creek</b>	<b>CA</b>	<b>94596</b>
E-Mail Address <b>authority@wastediversion.org</b>			

**Section II: Information for New Generation-Based Study for Existing or New Base Year**

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

*Note: New base years must be representative of a jurisdiction's disposal and diversion.*

1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	2001

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

A detailed internal generation-based study of community recycling programs and activities has been performed by the Authority for the last three years. Tonnages of recycled materials and disposal are consistent and well documented from year to year and demonstrate a trend of consistent, accurate and representative diversion figures in the City.

**4. Enter diversion rate information below.**

Diversion rate calculated using existing base year	a. 55 %	Diversion rate calculated using new generation-based study	b.
For existing base year pounds/person/day based on generation	6.057903698	For new generation based study pounds/person/day based on generation	6
Residential generation 75 %	Non-Residential generation 25 %	Residential generation 60% %	Non-Residential generation 40% %
Population existing generation-based study	15,914	Population new generation-based study	16,507

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

Steady improvement in the City's diversion rate can be directly correlated with improved services, programs and outreach.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

<b>7. Disposal Tonnage (enter values):</b>	<b>4163</b>	<b>5267</b>	<b>9430</b>
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

☒ a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

☐ b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at [www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc))

☐ c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at [www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc](http://www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc))

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.** Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

\*Please provide detailed Non-Residential waste information in Section 9.

**Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.**

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation with multiple materials in one box)	Specific Conversion Factor Used (If any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at <a href="http://www.ciwmb.ca.gov/LGCentral/Pages/Codes/Reduce.htm">www.ciwmb.ca.gov/LGCentral/Pages/Codes/Reduce.htm</a>					
	(A)	(A/Total Generation)			
<b>Residential Source Reduction Activities</b>					
Backyard composting	155	0.8%	Green Waste	370 lbs/CY USEPA (109 households)	Report from Compost Consultant (Attachment 8A)
Grass recycling	43	0.2%	Grass	350 lbs/1000 sq ft/yr - CIWMB (7 acres)	City Public Works Report (Attachment 8B)
<b>Other Residential Source Reduction (list each program separately)</b>					
Residential reuse collection	42	0.2%	Reusable household items	Actual Tonnage	Hospice & Pacific Rim reports (Attachment 8C)
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
<b>Subtotal, Residential Source Reduction</b>	<b>238</b>	<b>1.2%</b>			
<b>Residential Recycling Activities</b>					
Curbside Recycling	3145	16.3%	Fiber and containers	Actual Tonnage	Hauler report (Attachment 8D)
Buyback Centers	120	0.6%	CRV containers	Actual Tonnage	DOC tonnage report (Attachment 8E)
Drop-off Centers	4	#REF!	Fiber and containers	Actual Tonnage	Recycling Center report (Attachment 8D)

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation with multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.cikmb.ca.gov/LGCentral/Pans/Codes/Reduce.htm">www.cikmb.ca.gov/LGCentral/Pans/Codes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Other Residential Recycling (list each program separately)</b>					
e-waste collection event	1	0.0%	e-waste (no CRTs)	Actual Tonnage (weight allocated by # of participants)	Permitted processor reports (Attachment 8G)
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Residential Recycling</b>	<b>3270</b>	<b>17.0%</b>			
<b>Residential Composting Activities</b>					
<b>Green Waste Drop-off</b>	16	0.1%	Yard trimmings and landscaping material	317lbs/cubic yard - USEPA & Tellus averaged	Hauler report (Attachment 8H)
<b>Curbside Green Waste</b>	3780	19.6%	yard trimmings and landscaping material	Actual Tonnage	Hauler reports (Attachment 8D)
<b>Christmas Tree Program</b>	28	0.1%	Christmas trees	Actual Tonnage	Hauler report (Attachment 8I)
<b>Other Residential Composting (list each program separately)</b>					
Res clean ups VWM organics	0	0.0%	Yard trimmings and landscaping material	31 lbs. Per bag (hauler estimate based on field data)	Hauler report (Attachment 8J)
Enter program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Residential Composting</b>	<b>3824</b>	<b>19.9%</b>			
<b>Subtotal, Residential Diversion</b>	<b>7333</b>	<b>38.1%</b>			
<b>Non-Residential Source Reduction Activities:</b>					
<b>Non-Residential Waste Audits*</b>			See Section 9	See Section 9	See Section 9
<b>Other Non-Residential Source Reduction (list each program separately)</b>					
Enter Program name					
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
<b>Subtotal, Non-Residential Source Reduction</b>	<b>0</b>	<b>0.0%</b>			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: <a href="http://www.cwmrb.ca.gov/LGCentral/Pans/CoDes/Reduce.htm">www.cwmrb.ca.gov/LGCentral/Pans/CoDes/Reduce.htm</a>	(A)	(A/Total Generation)			
<b>Recycling</b>					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Commercial recycling collection	819	4.3%	Fiber, yard clippings, C&D, and containers	Actual Tonnage	Hauler report (Attachment 8K)
Commercial backhaul of materials	537	2.8%	OCC, Film plastic, tallow	Actual Tonnage	Report from Individual Businesses (Attachment 8M)
Small Business recycling	168	0.9%	Fiber and containers	Actual Tonnage	Hauler report (Attachment 8L)
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	1525	7.8%			
<b>Non-Residential Composting Activities</b>					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Supermarket composting	132	0.7%	Produce scrap	Actual Tonnage	Report from Grocery Store (Attachment 8M)
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	132	0.7%			
Subtotal Non-Residential Diversion	1657	8.6%			
<b>Residential/Non-Residential Diversion Activities</b>					
ADC	309	1.6%	Green Waste, C&D fines	Actual Tonnage	DRS/CIWMB
Sludge					
Scrap Metal					
Construction and Demolition	108	0.6%	Asphalt	1,380 lbs/cy3 Tellus	City Engineer (Attachment 8N)
Landfill Salvage	401	2.1%	OCC, mattress, wood, metals	Actual Tonnage	Landfill reports (Attachment 8O)
Subtotal Residential/Non-Residential Diversion	818	4.3%			
Total Res/Non-Res Source Reduction Tons	238	1.2%			
Total Diversion Tons	9805	51.0%			
Total Disposal Tons from Sec.7	9430	49.0%			
Total Generation Tons (Div+Dis)	19238				
<b>Diversion Rate</b>					
	51%				



## 9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation In Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other
City CIP C&D diversion	8N	Asphalt & Concrete grinding		108		108	0.6%	P
Grocerystore	8M	Old produce composting, cardboard recycling, Bone & Fat rendering, Paper Recycling		537	132	669.57	3.5%	E-mail
Totals				645.48	132.09	777.57	4.0%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

Asphalt & Concrete Grindings were estimated by the City's Engineering Department.

Grocery Store composting and backhaul recycling was quantified by an analysis done by the Grocery Store Distribution Center. The Distribution Center confirms that each store is complying with the Grocery Recycling Programs in a monthly store inspection and review of trash volumes.

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

**Note:** program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids ▼	City CIP C&D diversion	1991	108
Scrap Metal ▼	Transfer Station metal salvage	1991	6
Inert Solids ▼	Commercial On-site pickup (C&D)	1996	224
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

**Note:** If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				